

ATTACHMENT TO PAPER NUMBER

4

APPLICATION NUMBER

051313

GROUP 2515

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

THE PTO DRAFTSMEN REVIEW ALL ORIGINALLY FILED DRAWINGS REGARDLESS OF WHETHER THEY WERE DESIGNATED AS INFORMAL OR FORMAL. ADDITIONALLY, THE PATENT EXAMINER WILL ALSO REVIEW THE DRAWINGS FOR COMPLIANCE WITH THE REGULATIONS.

The drawings filed

4/23/03

- A. are approved by the draftsperson.
 B. are objected to by the draftsperson under 37 CFR 1.84 for the reason(s) checked below. The examiner will require submission of new, corrected drawings at the appropriate time. Corrected drawings must be submitted according to the instructions listed on the back of this Notice.

1. Paper and ink. 37 CFR 1.84(a)

 Sheet(s) _____ Poor.

2. Size of Sheet and Margins. 37 CFR 1.84(b)

Acceptable Paper Sizes and Margins

Paper Size

Margin	8 1/2 by 14 inches	8 1/2 by 13 inches	DIN size A4 21 by 29.7 cm.
Top	2 inches	1 inch	2.5 cm.
Left	1/4 inch	1/4 inch	2.5 cm.
Right	1/4 inch	1/4 inch	1.5 cm.
Bottom	1/4 inch	1/4 inch	1.0 cm.

 Proper Size Paper Required.
All Sheets Must be Same Size.
Sheet(s) _____ Proper Margins Required.
Sheet(s) _____
 TOP RIGHT
 LEFT BOTTOM

3. Character of Lines. 37 CFR 1.84(c)

 Lines Pale or Rough and Blurred.
Fig(s) 1A - 6B Solid Black Shading Not Allowed.
Fig(s) _____4. Photographs Not Approved.
_____ Comments:

5. Hatching and Shading. 37 CFR 1.84(d)

- Shade Lines are Required.
Fig(s) _____
 Criss-Cross Hatching Not Allowed.
Fig(s) _____
 Double Line Hatching Not Allowed.
Fig(s) _____
 Parts in Section Must be Hatched.
Fig(s) _____

6. Reference Characters. 37 CFR 1.84(f)

- Reference Characters Poor or Incorrectly Sized.
Fig(s) 1A - 6B
 Reference Characters Placed Incorrectly.
Fig(s) _____

7. Views. 37 CFR 1.84(i) & (j)

- Figures Must be Numbered Properly.
 Figures Must Not be Connected.
Fig(s) _____

8. Identification of Drawings. 37 CFR 1.84(1)
Extraneous Matter or Copy Machine
Marks Not Allowed. Fig(s) _____9. Changes Not Completed from Prior
PTO-948 dated _____

Telephone inquiries concerning this review should be directed to the Chief Draftsperson at telephone number (703) 305-8404.

Reviewing Draftsperson

Date

Note: Any objection to the drawings made by the examiner will be communicated separately in an office action.

Applicant's Copy

INFORMATION ON HOW TO EFFECT DRAWING CHANGES

1. Correction of Informalities—37 CFR 1.85

File new drawing with the changes incorporated therein. The art unit number, serial number and number of drawing sheets should be written on the drawing in accordance with 37 CFR 1.84(l). Applicant may delay filing of the new drawings until receipt "Notice of Allowability" (PTOL-37). If delayed, the new drawings **MUST** be Filed within the **THREE MONTH** shortened statutory period set for response in the "Notice of Allowability" (PTOL-37). Extensions of time may be obtained under the provisions of 37 CFR 1.136. The drawing should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

Timing of Corrections

Applicant is required to submit **acceptable** corrected drawings within the three month shortened statutory period set in the "Notice of Allowability" (PTOL-37). Within the three month period, two weeks should be allowed for review by the Office of the correction. If a correction is determined to be unacceptable by the Office, applicant must arrange to have acceptable correction re-submitted within the original three month period to avoid the necessity of obtaining an extension of time and paying the extension fee. Therefore, applicant should file corrected drawings as soon as possible.

Failure to take corrective action within set (or extended) period will result in **ABANDONMENT** of the Application.

2. Corrections other than Informalities Noted by the Draftsperson on the PTO-948

All changes to the drawings, other than informalities noted by the Draftsperson, **Must** be made in the same manner as above except that, normally, a red ink sketch of the changes to be incorporated into the new drawings **MUST** be approved by the examiner before the application will be allowed. No changes will be permitted to be made, other than correction of informalities, unless the examiner has approved the proposed changes.

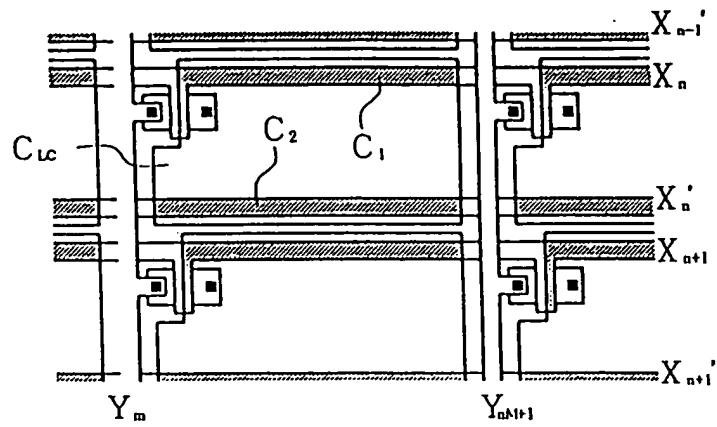


Fig. 1(A)

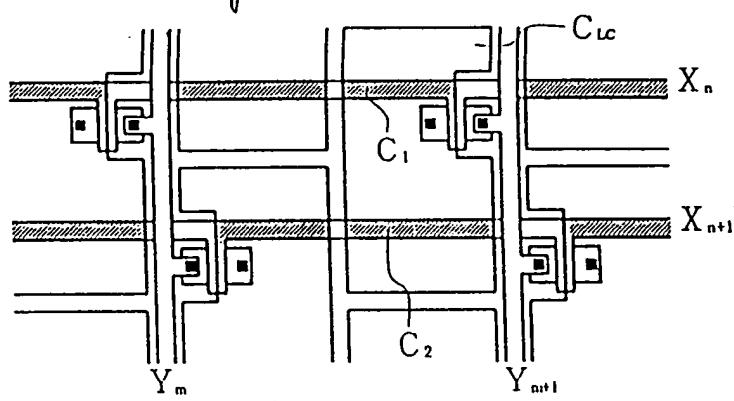


Fig. 1(B)

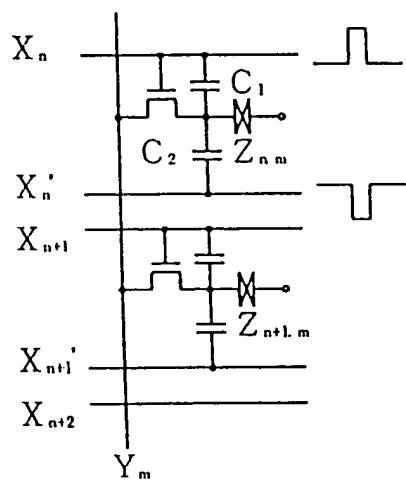


Fig. 1(C)

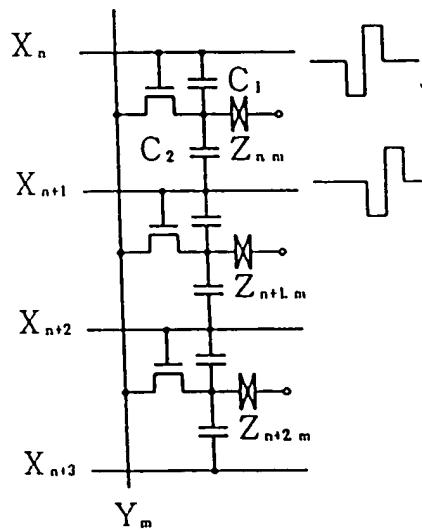


Fig. 1(D)

PRIOR ART

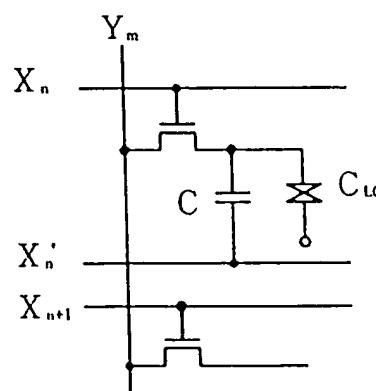
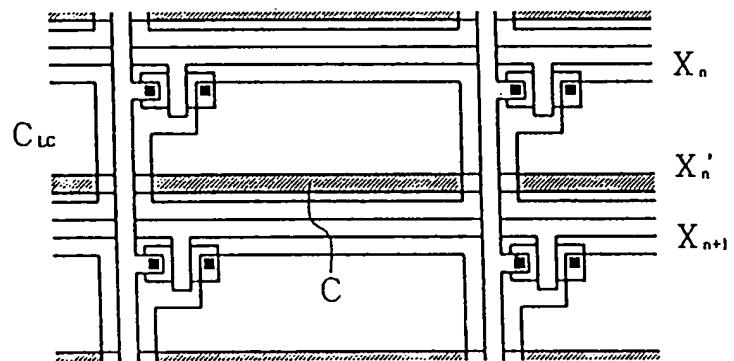
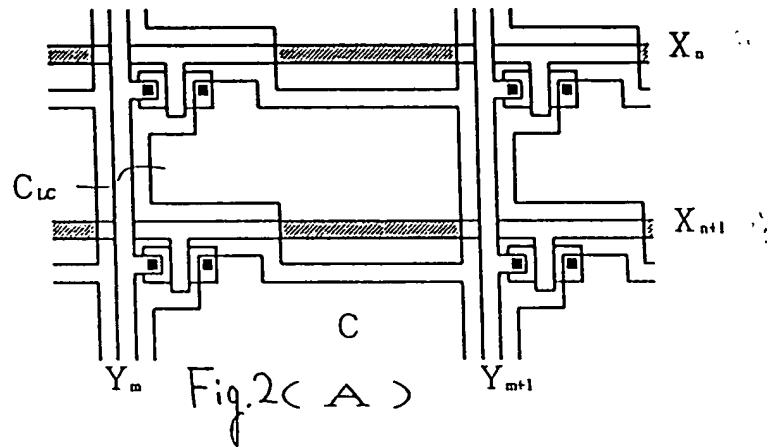


Fig. 2(C)

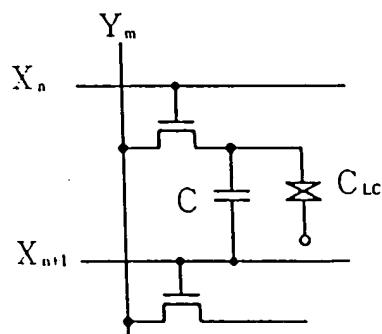


Fig. 2(D)

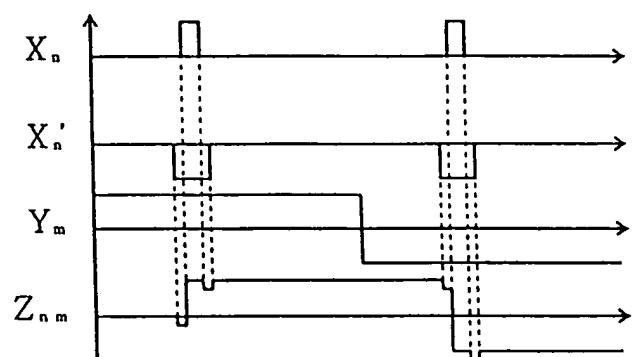


Fig.3(A)

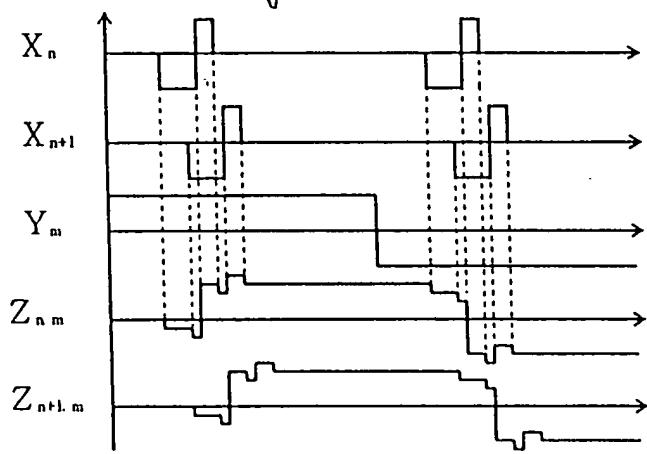


Fig.3(B)

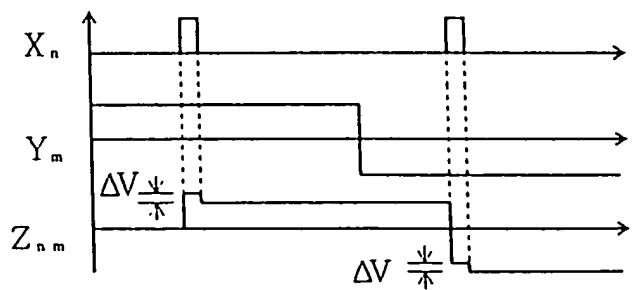


Fig.3(C)

Fig. 4

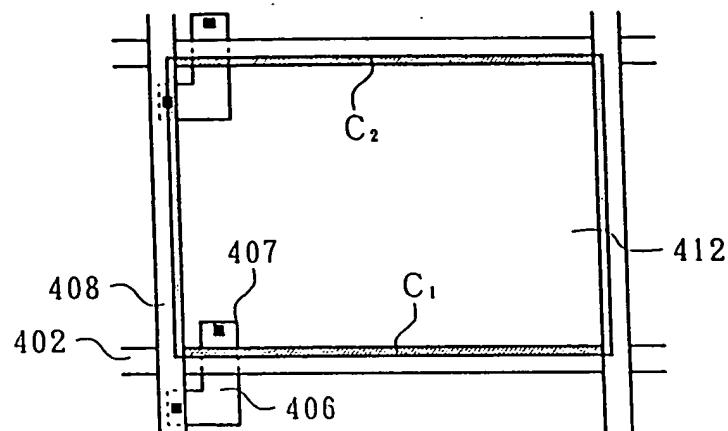


Fig. 5< A >

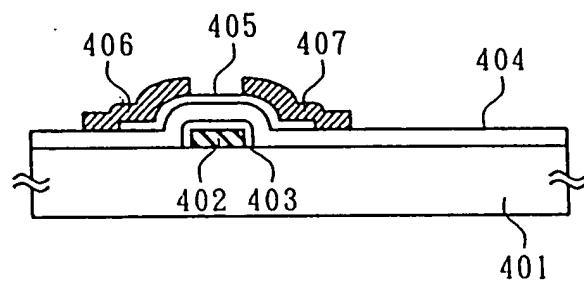


Fig. 5< B >

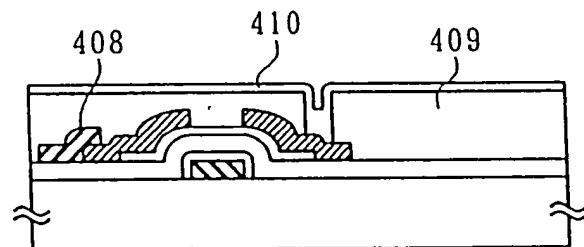


Fig. 5< C >

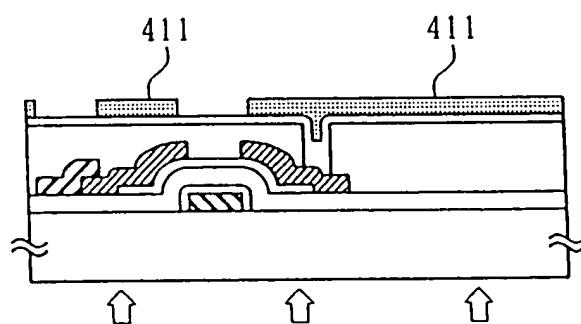


Fig. 5< D >

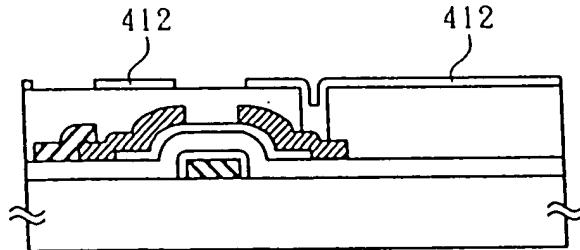


Fig.6< A >

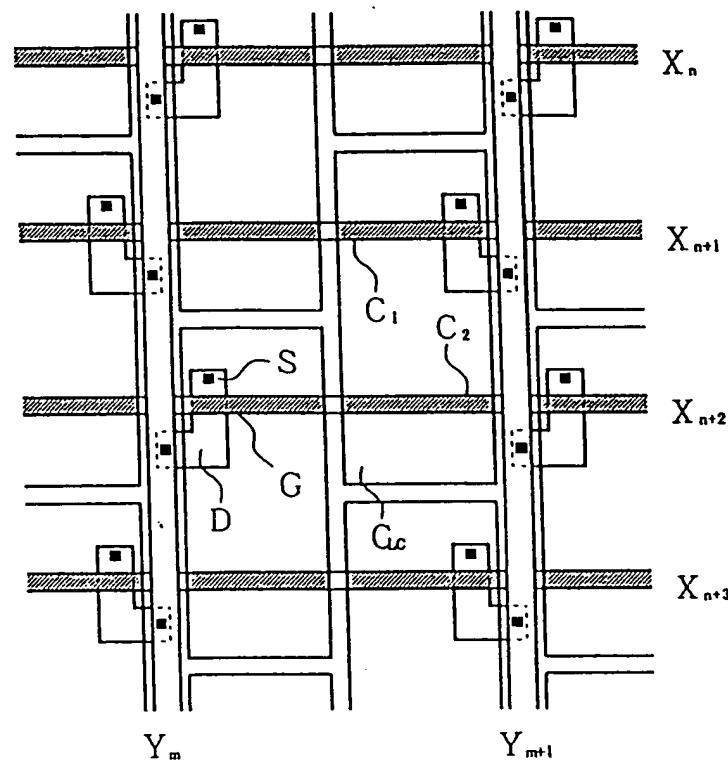


Fig.6< B >

